

Remo Scolati

Software developer (Rust, previously Java/Spring), currently (professionally) interested in all things software design and architecture, web, IoT and the edge of networks. Personally interested in photography, pop-sci books and podcasts, walks far from any screen. Contact me at remo_scolati@hotmail.com.

Experience

- 2023– Canary Bit AB, develops confidential computing solutions, Stockholm, SE
Software development, design and implementation of confidential computing toolchain and DevOps
- 2018–2021 Alperia SpA, energy provider (fiber-optic network business unit), Bolzano, IT
Software development (full stack) and DevOps, internal and external services
IoT R&D, services design and implementation
- 2012–2015 Ecorecycling SAS, manufactures process water treatment plants, Merano, IT
Administration and customer service, installations and maintenance
- 2008–2012 MEMC Electronic Materials, Inc., produces silicon and silicon wafers, Merano, IT
Chemical industry worker, supervision and operation of production plant

Education

- 2021–2023 KTH Royal Institute of Technology, Stockholm, SE
Master's Programme, Software Engineering of Distributed Systems
Thesis project "Measuring the responsiveness of WebAssembly in edge network applications" in collaboration with RISE Research Institutes of Sweden AB, Stockholm, SE
- 2015–2018 Free University of Bolzano, Bolzano, IT
Laurea (B.Sc. equiv.) in Computer Science and Engineering

Skills

(Programming) Languages, Frameworks, Tools: Rust, Java (Spring/Spring Boot), JavaScript (Web/Nodejs), Python, SQL, Git, Docker

Languages: German/Italian (native speaker), English (fluent)

Extracurricular Activities

- Fall 2022 School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, Stockholm, SE
Teaching Assistant, Program Development for Interactive Media
- Spring/Fall 2017 Faculty of Computer Science, Free University of Bolzano, Bolzano, IT
Electronics workshop, Basic Electronics and Digital Signal Processing
Robotics Workshop, Introduction to Robotics: An Experimental Approach

Publications

R. Scolati. *et al.*, “A Containerized Big Data Streaming Architecture for Edge Cloud Computing on Clustered Single-board Devices,” in *Proceedings of the 9th International Conference on Cloud Computing and Services Science*, INSTICC, SciTePress, 2019, pp. 68–80. DOI: [10.5220/0007695000680080](https://doi.org/10.5220/0007695000680080)